

***IN THE UNITED STATES PATENT AND TRADEMARK OFFICE***

Applicant: Shuji HAHAKURA et al.  
Title: SUPERCONDUCTOR AND METHOD OF  
PRODUCING THE SAME  
Appl. No.: 10/536,694  
International Filing Date: 8/6/2004  
371(c) Date: 5/27/2005  
Examiner: Estrada, Michelle  
Art Unit: 2823  
Confirmation Number: 2262

**AMENDMENT AND REPLY UNDER 37 CFR 1.111**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This communication is responsive to the Non-Final Office Action dated August 8, 2007, concerning the above-referenced patent application.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this document.

**Remarks/Arguments** begin on page 4 of this document.

Please amend the application as follows: